

3 MONTH TESTS.
BRIQUETTES MADE DURING THE MONTH OF DECEMBER, 1894.

Date of Exposure.	No. of Brd. (See Table 1.)	Ordinary time of setting.		Temperature at time of mixing.		Temp. outside of exposure.	Time elapsed from beginning of exposure.	Tensile Strength.		Remarks concerning exposed Specimens.
		Initial.	Final.	Lab. air.	Water.			Lab. Test.	Exposed specimens.	
Dec. 26	1	6'00"	12'00"	62°	58°	+ 7°	5'	2.7	0	Briquettes frozen long before set could take place, all blown to pieces by frost.
24 (old)	2	5'30"		60°	53°	+10½°	7'	198	0	ditto
1	2	45'	2'45'	65°	60°	+19½°	8'	190	233	Seemingly quite sound, but broke irregularly as to loads and position of fractures.
1	15	1'00"	2'30"	61°	56°	+16°	7½'	484	311	Practically sound, some slight cracks on the surface.
Average of No. 2 & No.				63°	58°	+18°	7¾'	337	272	
Dec. 3	3	5'00"	20'00"	60°	56°	+17°	7'	108	101	About 1-16" on the surface, disintegrated, the remainder quite sound.
31	4	37'	3'10"	60°	56°	+19°	6'	204	85	ditto
31	5	1'00"	5'00"	48°	45°	+14½°	6'	218	111	Three of these disintegrated for 1-16" on outside, remainder disintegrated to the very centre, average of three being 75%.
31	6a	2'00"	6'30"	52°	48°	+ 8½°	6½'	247	47	Seemed perfectly sound and solid.
8	8	3'20"	6'30"	69°	63°	+21°	6½'	191	163	These during a warm spell of five days remained solid looking, but when tested, they showed a slight weathering on the top surface.
10	9	13'	2'00"	68°	64°	+14°	8'	151	113	Seemed perfectly sound and solid.
18	10	25'	50'	57°	53°	+18½°	7½'	132	154	Disintegrated for 1" on top and sides, remainder solid looking.
27	11	30'	1'00"	70°	65°	+ 7°	7½'	107	59	Disintegrated for 1" on top and sides, remainder solid looking.
28	12	25'	3'00"	61°	55°	+ 9°	6'	89	23	ditto
31	14	20'	2'30"	50°	50°	- 7°	7'	131	49	Only 1 briquette was disintegrated on the surface, but all were weak and brittle, crumbling if rubbed with the fingers.
29	19	2'40"	7'40"	65°	61°	- 6°	6'	223	87	
Averages				60°	51°	+10½°	6¾'	164	90	